

enabling communications for the mobile device via a device-to-machine connection when the mobile device is connected to the cellular system.

6. A method in a cellular system, comprising receiving a request to authenticate and/or authorise a mobile device subscribing to the cellular system for use of a service by a machine type device from an entity associated with the machine type device, the request including information of an identity of the mobile device assigned by the cellular system, causing the mobile device to have an access facility to the cellular system, sending authentication and/or authorisation to the requesting entity, and maintaining the access facility for the mobile device in the cellular system at least for a part of the duration of service usage by the mobile device via a device-to-machine connection.

7. A method as claimed in claim 5, comprising maintaining an access facility for the mobile device for at least the duration of use of the service and/or maintaining the mobile device in a radio resource control idle state where context information is maintained in the cellular system or radio resource control connected state with advance discontinuous reception while the mobile device communicates via the device-to-machine connection.

8. A method as claimed in claim 5, comprising communicating, via the device-to-machine connection, at least one of a radio resource control connection or scheduling request to the cellular system, information regarding dedicated resources allocated by the cellular system to the mobile device, and data to the cellular system when the mobile device is in radio resource control idle state.

9. A method as claimed in claim 5, comprising providing a part of information for accessing the machine type device by the cellular system and a second part of the information for accessing the machine type device by the machine type device.

10. A method as claimed in claim 5, comprising reporting from the mobile device information relating to the device-to-machine connection and/or termination of the device-to-machine connection.

11. A method as claimed in claim 5, comprising providing information of the machine type device by means of at least one of

- an air interface between the machine type device and the mobile device,
- an air interface between a station of the cellular system and the mobile device, and
- an advertisement visible at the location of the machine type device.

12. A method as claimed in claim 5, comprising authenticating and authorising the machine type terminal and the mobile device between a second communication system or a server in a second communication system and the cellular communication system for a service requested by the mobile device.

13. A method as claimed in claim 5, comprising communicating at least one of capability and/or compatibility information of the mobile device, cell identity, a radio network temporary identifier, a public landline mobile network identity, a permanent mobile number, current paging identity, information on security keys, barring information, system

information, information on a requested service, information relating to charging, information relating to the location of the machine type device, end of the device-to-machine connection, deletion of data associated with the mobile device.

14. A method as claimed in claim 5, comprising deleting data associated with the mobile device from the machine type device and/or an entity serving the machine type device in response to termination of the device-to-machine connection.

15. A method as claimed in claim 5, comprising serving by the machine type device only mobile devices capable of camping in predefined one or more cells of the cellular system.

16. A method as claimed in claim 5, comprising selecting by the mobile device whether to request for the service from the machine type device or from the cellular network.

17.-19. (canceled)

20. An apparatus for enabling use of services, the apparatus comprising at least one processor, and at least one memory including computer program code, wherein the at least one memory and the computer program code are configured, with the at least one processor, to

receive from a mobile device a request for a service provided by a machine type device, the request including information of an identity of the mobile device assigned by a cellular system,

contact the cellular system to authenticate and/or authorise the mobile device, the contacting causing the mobile device to have an access facility to the cellular system, receive authentication and/or authorisation from the cellular system, and

enable communications for the mobile device via a device-to-machine connection when the mobile device is connected to the cellular system.

21. (canceled)

22. An apparatus for enabling use of services, the apparatus comprising at least one processor, and at least one memory including computer program code, wherein the at least one memory and the computer program code are configured, with the at least one processor, to

receive a request to authenticate and/or authorise a mobile device subscribing to a cellular system for use of a service by a machine type device from an entity associated with the machine type device, the request including information of an identity of the mobile device assigned by the cellular system,

cause the mobile device to have an access facility to the cellular system,

cause sending of authentication and/or authorisation information to the requesting entity, and

maintain the access facility for the mobile device in the cellular system at least for a part of the duration of service usage by the mobile device via a device-to-machine connection.

23.-26. (canceled)

27. A method as claimed in claim 6, comprising maintaining an access facility for the mobile device for at least the duration of use of the service and/or maintaining the mobile device in a radio resource control idle state where context information is maintained in the cellular system or radio resource control connected state with advance discontinuous reception while the mobile device communicates via the device-to-machine connection.

28. A method as claimed in claim 6, comprising communicating, via the device-to-machine connection, at least one of